

INVITATION TO PUBLIC WORKSHOP

Public Workshop on the California Natural & Working Lands Inventory

The California Air Resources Board (CARB) staff invites you to participate in a public workshop to discuss a draft natural and working lands (NWL) inventory that covers biomass and soil carbon in all land types (forests, grasslands, croplands, urban forests, and wetlands). At the workshop, CARB staff will present trends in carbon stock change in California landscape since 2001 and provide an overview of methodologies for quantifying carbon stock stored in plant materials and soils. Staff will also present concepts for future NWL tasks (use of remote sensing data, NWL modeling, etc.) and a public process for inventory updates.

The workshop will be held at the following time and location.

Tuesday, October 23, 2018
10:00 am – 12:00 pm (Pacific Time)
[California Environmental Protection Agency Building](#)
Sierra Hearing Room, Second Floor
1001 I Street
Sacramento, CA 95814

The presentation will be posted on the NWL inventory program webpage shortly before the workshop at: <https://www.arb.ca.gov/cc/inventory/sectors/forest/forest.htm>

Live Video/Audio Webcast

For those unable to attend the workshop in person, a live video/audio webcast will be available at <https://video.calepa.ca.gov/> beginning at 10:00 AM on October 23, 2018. During the workshop, the webcast audience may submit questions and comments to sierrarm@calepa.ca.gov.

Background

Pursuant to Assembly Bill 1803 (H&SC §39607.4) and the California Global Warming Solutions Act of 2006 (AB 32), CARB is responsible for developing and maintaining California's inventory of greenhouse gas emissions. In 2016, Senate Bill 859 (Committee on Budget and Fiscal Review) requires CARB to complete a NWL inventory and develop a framework to support the state's objectives by December 30, 2018.

CARB's NWL inventory consists of forest and other natural lands (grassland, shrubland, wetland, and other lands with sparse vegetation), croplands, and urban forests. It is developed using design principles established by the Intergovernmental Panel on Climate Change (IPCC), and estimates the carbon contained in ecosystems at points in time and

the greenhouse gas associated with changes in carbon stocks. The key GHGs of concern are carbon dioxide, methane, and nitrous oxide. The exchange of carbon dioxide between the atmosphere and land occurs through uptake by plant photosynthesis and release via respiration, and the decomposition and combustion of biomass. Methane is emitted during incomplete combustion of biomass and under anaerobic conditions in soils. Nitrous oxide is emitted from combustion of biomass.

For the past few years, CARB has worked extensively with other state agencies, academic researchers and the public on inventory development. The methodologies are specific to each land type and developed in collaboration with academic researchers, based on published methods that CARB staff augmented, or is a new methodology developed by CARB staff. Inventory methodologies use a combination of ground-based measurements and remote sensing data from a list of state and federal government agencies and non-governmental organizations, including the California Department of Forestry and Fire Protection, California Department of Water Resources, LANDFIRE (a consortium of federal agencies), National Aeronautics and Space Administration's satellite programs, U.S. Forest Service, U.S. Department of Agriculture, U.S. Geological Survey, San Francisco Estuary Institute, and International Soil Reference and Information Centre.

For questions related to the GHG inventory, please contact Anny Huang, Manager of the Emission Inventory Analysis Section at (916) 323-8475 or ahuang@arb.ca.gov.

Special Accommodation Request

Consistent with California Government Code Section 7296.2, special accommodation or language needs may be provided for any of the following:

- An interpreter to be available at the meeting;
- Documents made available in an alternate format or another language;
- A disability-related reasonable accommodation.

To request these special accommodations or language needs, please contact Adam Moreno at (916) 322-7174 or Adam.Moreno@arb.ca.gov as soon as possible, but no later than five business days before the scheduled meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

Consecuente con la sección 7296.2 del Código de Gobierno de California, una acomodación especial o necesidades lingüísticas pueden ser suministradas para cualquiera de los siguientes:

- Un intérprete que esté disponible en la audiencia;
- Documentos disponibles en un formato alternativo u otro idioma;
- Una acomodación razonable relacionados con una incapacidad.

Para solicitar estas comodidades especiales o necesidades de otro idioma, favor de contactar a Adam Moreno al (916) 322-7174 o Adam.Moreno@arb.ca.gov lo más pronto posible, pero no menos de 5 días de trabajo antes de la junta programada. TTY/TDD/Personas que necesiten este servicio pueden marcar el 711 para el Servicio de Retransmisión de Mensajes de California.